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TCS-80374/65

March 1965

DECLASS REVIEW BY NIMA / DoD

PHOTOGRAPHIC INTERPRETATION REPORT

**OAK - PART II**  
**MISSION 1017-2**  
**3-6 MARCH 1965**



CIA



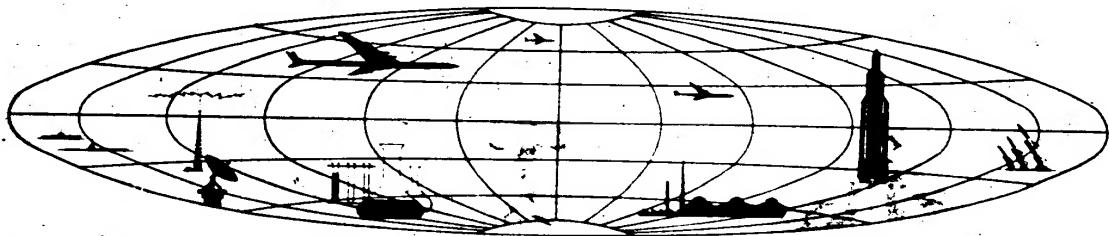
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# TOP SECRET CHESS RUFF

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## OAK - PART II MISSION 1017-2

### PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 1017-2 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF Ephemeral DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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## **Highlights**

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HIGHLIGHTS

25X1A 1. YURYA ICBM COMPLEX [REDACTED]

A HF COMMUNICATIONS FACILITY, CONTAINING 4 HF HORIZONTAL DIPOLE ANTENNAS, 1 OR 2 UNIDENTIFIED POSSIBLE ANTENNAS, AND A CONTROL AREA WITH 6 BUILDINGS IS NEWLY IDENTIFIED.

25X1A 2. CHEPELEVKA AIRFIELD [REDACTED]

A HEAVY TRANSPORT-TYPE AIRCRAFT, SIMILAR IN SIZE AND GENERAL CONFIGURATION TO THE UNIDENTIFIED AIRCRAFT OBSERVED AT KIYEV AIRFIELD ON [REDACTED] IS OBSERVED AT CHEPELEVKA. THE AIRCRAFT HAS A WING SPAN OF APPROXIMATELY 215 FT, AN OVERALL LENGTH OF APPROXIMATELY 180 FT, AND A FUSELAGE WIDTH OF APPROXIMATELY 20 FT.

25X2

[REDACTED]

4. YEMELYANOVSKAYA, HF COMMUNICATIONS FACILITY (ELECTRONICS BONUS)

A NEWLY IDENTIFIED HF COMMUNICATIONS FACILITY IS LOCATED AT 64-21N 041-22E, AND CONSISTS OF A CONTROL BUILDING, 3 PAIRS OF DAY/NIGHT RHOMBICS, 3 SETS OF 3 RHOMBICS OF DESCENDING SIZE, AND A LARGE CLEARED CIRCULAR AREA WITH A BUILDING.

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STATUS OF COMOR TARGET READOUT

FORTY-FIVE COMOR TARGETS WERE OBSERVED IN THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK. A TOTAL OF EIGHTY-SEVEN COMOR TARGETS WERE REPORTED AND ARE LISTED IN THE INDEX AT THE CONCLUSION OF THIS REPORT.

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TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 3 -- SAM AND AMM DEPLOYMENT
- TABLE 4 -- NUCLEAR ENERGY ACTIVITY
- TABLE 5 -- AIRCRAFT ACTIVITY
- TABLE 6 -- SUBMARINE ACTIVITY
- TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Table 1. *Sample WMRD Database*

Complex	Launch Area												Total Soft Sites	Total Hard Sites	Total Single Sites	Total Launch Positions
	A	B	C	D	E	F	G	H	I	J	K	L				
Alexey	M	M	M	M	M	M							6	6	6	6
Borodinovskiy	M	M	M	M	E								5	5	5	5
Drozdyavaya	C	C	C	C	C	C	E						3	12(13)	9(11)	21(11)
Gladkaya	○	○	○	○	○	○							2	10(11)	9(10)	16(11)
Imen Gusevskiy	M	M	M	M	M	M							6	6	6	6
Itatya	C	C	C										3			6
Katay	M	M	M	M	M	M	E	E					8	8	8	8
Kostromskiy	C	C	C	C	C	C	C	C					6	1		15
Kozelsk	C	C	C	C	C	C							3	2		12
Novosibirsk	C	C	C	C	C	C							3	2		12
Oboyanaya	○	○	○	○	○	○	○	○					20(21)	20(21)	20(21)	20(21)
Omsk	○												1			3
Peru	C	C	C	C	C	C							5	1		13
Plesetsk	C	C	C	C	C	C	E	F					10*	1		19
Shadrinsk	C	C	C										3			9
Sibdoduy	C	C	C	C	C	C	C	C					3	1		17
Tatishchevaya	M	E											20	20	20	20
Tytykovo	C	C	C	C	C	C							6			12
Tyumen	○	○	○										2			4
Ural	M	M	M	M	○	○	E	E	○	E	E		11(21)	11(21)	11(21)	11(21)
Verkhnyaya Salda	C	C	C	C	C	C	C	C	C	C	C		7	2		20
Yelizovo	C	C	C	C	C	C	C	C	C	C	C		6	2		18
Yoshkar-Ola	C	C	C	C	C	C							6			12
Yurya	○	○	○	○	○	○	○	○	○	○	○	○	8	3		25
Zhangiz-Tobe	○	○	○	○	○	○	E						6	6	6	6
Deployment Total													77	129(91)	109(91)	328(91)
Tytynsk MTC	C	C	C	C	C	C	E	C	M	M	M		10	16(7)	16(7)	43(7)
Grand Total													87	112(16)	110(16)	371(16)

\*Includes Launch Points 1-IV, complete, but does not include 2 SSM pads at Launch Area 1.

\*\*Carried as Law

2138

Construction Status (C-complete, L-late, M-mid, E-early)

### ○ General Information

Number of *Crassula*

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	121	11	18	11	161	633
Caucasus	3		2	3	8	29
Central Asia	2	3	1	3	9	33
Far Eastern	10	1		1	12	47
<b>Totals</b>	<b>136</b>	<b>15</b>	<b>21</b>	<b>18</b>	<b>190</b>	<b>742</b>

Totals do not include 73 fixed field-type sites with total of 267 launch positions and one launch facility at Sovetskaya Gavan.

Table 3. SAM and AMM Deployment

		Country													Total	
		USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Romania	Yugoslavia	China	North Korea	Indonesia	Egypt	Cuba	India	
25X6	SA-0	13														
25X6	SA-1	56														
25X6	SA-2	990*	1	19	23		16	30	18	3	16	2	4	21	22**	1
25X6	SA-3	108														
	SAM support facilities	197	1	4	5		3	6	2	1		1		4	6	
	Probable AMM complexes	1	3													
	AMM 'SAM' complexes	2***														

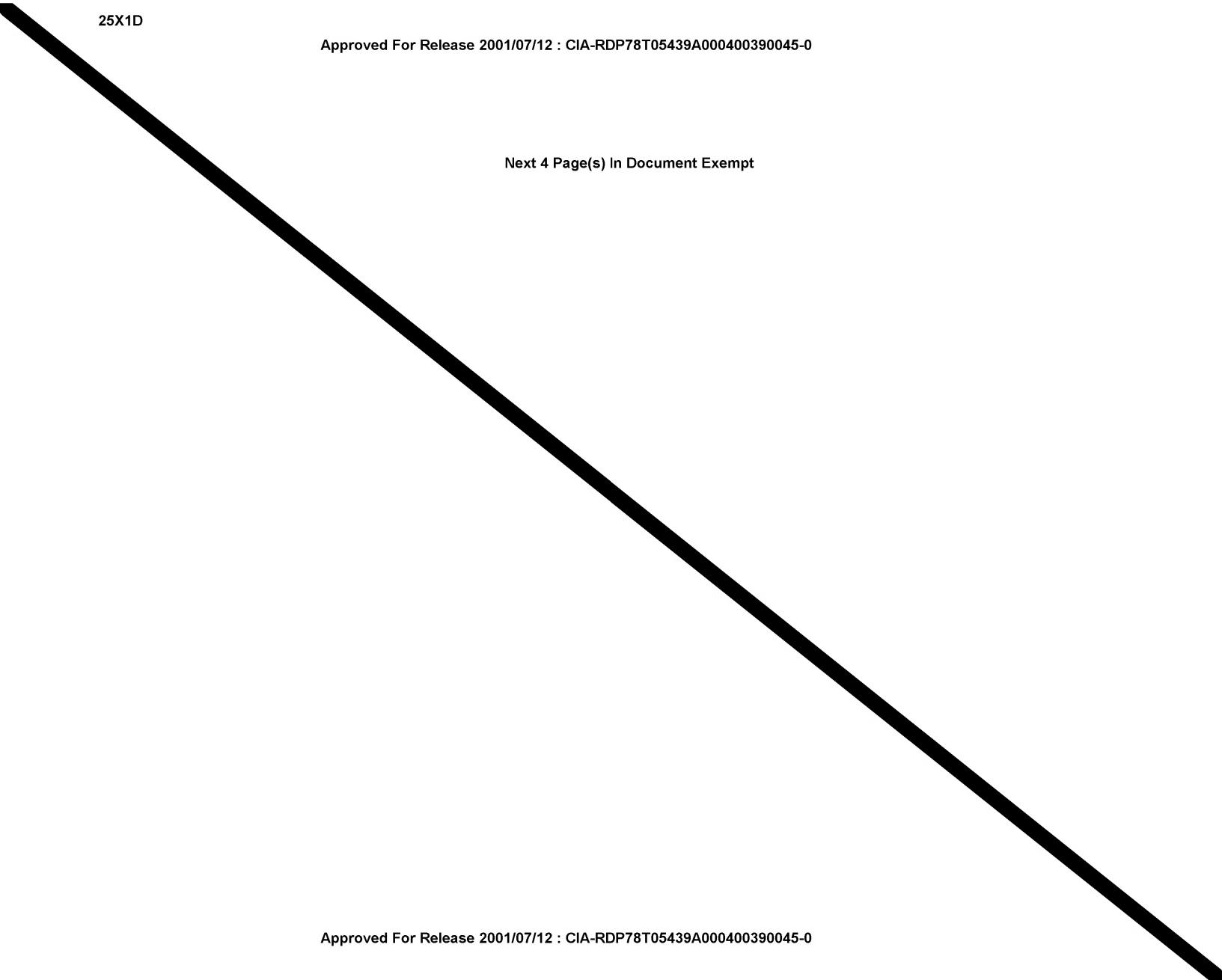
\*Does not include 4 alternate sites, USSR.

\*\*Includes 1 suspect complex.

\*\*Does not include 24 abandoned sites.

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MISSILES

25X1A [REDACTED] YURYA ICBM COMPLEX UR 5904N 04918E

25X1D COMPLEX COVERED ON GOOD QUALITY PHOTOGRAPHY WITH GROUND SNOW COVER. NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] AT THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, OR THE LAUNCH AREAS. THE PROBABLE MISSILE REPORTED AT LAUNCH AREA B (SITE 1) ON [REDACTED] IS NO LONGER APPARENT. THERE IS APPARENTLY ACTIVITY AT LAUNCH AREAS C (SITE 3), G (SITE 6), J (SITE 9), AND K (SITE 10). POSSIBLE CONSTRUCTION IN RIM FACILITY IS VISIBLE AT LAUNCH AREA E (SITE 5).

25X9 [REDACTED]  
A HF COMMUNICATIONS FACILITY IS LOCATED 1.5 NM NORTH OF THE COMPLEX SUPPORT FACILITY AND CONTAINS 4 HF HORIZONTAL DIPOLE ANTENNAS, 1-2 UNIDENTIFIED POSSIBLE ANTENNAS, AND A CONTROL AREA WITH 6 BUILDINGS. THIS FACILITY WAS PRESENT ON

25X1D [REDACTED]  
NO ABM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF 50-NM-RADIUS SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED] YOSHKAR-OLA ICBM COMPLEX UR 5634N 04803E

COMPLEX NOT COVERED ON PHOTOGRAPHY. WESTERN 25 PERCENT OF 50-NM SEARCH AREA IS COVERED.  
NO ABM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D [REDACTED]

25X1A [REDACTED] OMSK ICBM COMPLEX UR 5504N 07331E

THE COMPLEX IS COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY NOW CONSISTS OF A RAILHEAD AND STORAGE AREA WITH APPROXIMATELY 50 BUILDINGS AND A BATCH PLANT, AN ADMINISTRATION AND HOUSING AREA WITH APPROXIMATELY

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40 BUILDINGS, A HOUSING AREA WITH APPROXIMATELY  
20 BUILDINGS, AND AN UNIDENTIFIED AREA WITH  
2 LARGE AND 4 SMALL BUILDINGS AND 1 LARGE AND  
10 SMALL SEMIBURIED STORAGE TANKS.

25X1D THE RAIL-TO-ROAD TRANSFER POINT WITH ITS 2 ADJACENT  
25X1D UNIDENTIFIED AREAS SHOWS NO SIGNIFICANT CHANGE  
25X1D SINCE [REDACTED] LAUNCH AREA A (SITE 1)  
[REDACTED] SHOWS NO SIGNIFICANT CHANGE SINCE [REDACTED]

NO ABM ACTIVITY OBSERVED WITHIN A 50--NM-RADIUS  
SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED] TYUMEN ICBM COMPLEX UR 5652N 06553E

COMPLEX COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY  
WITH GROUND SNOW COVER. THE COMPLEX SUPPORT  
FACILITY, UNIDENTIFIED ACTIVITY, RAIL-TO-ROAD  
TRANSFER POINT, AND LAUNCH AREAS A (SITE 3) AND  
C (SITE 2) SHOW NO SIGNIFICANT CHANGE SINCE

25X1D [REDACTED]

NO ABM ACTIVITY OBSERVED WITHIN A 50-NM-RADIUS  
SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED] UZHUR ICBM COMPLEX UR 5517N 08949E

LAUNCH AREAS D (SITE 4), E (SITE 5), F (SITE 6),  
AND I (SITE 9) CAN BE IDENTIFIED ONLY. ALL OTHER  
COMPONENTS OF THE COMPLEX ARE CLOUD COVERED.

EASTERN 60 PERCENT OF 50-NM-RADIUS SEARCH AREA  
COVERED ON PHOTOGRAPHY WHICH IS 90 PERCENT CLOUD  
COVERED. NO ABM ACTIVITY OBSERVED IN CLOUD-FREE  
PORTIONS.

25X1D [REDACTED]

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25X1A [REDACTED] ZHANGIZ-TOBE ICBM COMPLEX UR 4912N 08110E

ENTIRE COMPLEX COVERED ON FAIR QUALITY, HAZY,  
SNOW-COVERED, STEREO PHOTOGRAPHY. FOUR BUILDINGS  
HAVE BEEN ADDED TO THE COMPLEX SUPPORT FACILITY  
SINCE [REDACTED] A FENCED AREA  
APPROXIMATELY 4,000 X 1,500 FT IS LOCATED JUST  
WEST OF THE COMPLEX SUPPORT FACILITY AND CONTAINS  
2 SEPARATE AREAS OF UNIDENTIFIED CONSTRUCTION  
ACTIVITY. THE AREA IS NEW SINCE [REDACTED]

25X1D [REDACTED]  
LAUNCH AREAS A (SITE 1), B (SITE 2), AND C (SITE 3)  
REMAIN IN A MID-STAGE OF CONSTRUCTION. AT ALL  
3 AREAS, A PROBABLE CONSTRUCTION RAMP EXTENDS OUT  
OVER THE EXCAVATION TO THE SILO, OTHERWISE NO  
SIGNIFICANT CHANGE IS APPARENT SINCE [REDACTED]

25X1D [REDACTED]

LAUNCH AREAS D (SITE 4) AND E (SITE 5) CAN BE  
IDENTIFIED ONLY.

PROBABLE LAUNCH AREA F (SITE 6) CONSISTS OF 2 LARGE  
RECTANGULAR BUILDINGS, 1 VERY SMALL BUILDING,  
AND POSSIBLY THE EARLY STAGES OF AN EXCAVATION.  
SNOW AND HAZE PRECLUDE DETAILED INTERPRETATION.

NO ABM ACTIVITY OR OTHER SSM FACILITIES OBSERVED  
WITHIN CLOUD-FREE PORTIONS OF THE 50-NM-RADIUS  
SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED] KARA-BABAU IRBM LAUNCH SITE 2 UR 4431N 07758E

25X1D NO APPARENT CHANGE SINCE [REDACTED]  
25X1D [REDACTED] EXCEPT THAT THE ASSOCIATED RIM FACILITY  
IS NOW COMPLETE. NO [REDACTED]  
25X9 ELECTRONIC/COMMUNICATIONS FACILITIES OBSERVED  
IN OR NEAR THE LAUNCH AREA.

25X1D [REDACTED]

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25X1A [REDACTED] GRANOV IRBM LAUNCH SITE 2 UR 4849N 02929E

25X1D [REDACTED] NO APPARENT CHANGE OBSERVED ON FAIR QUALITY,  
STEREO PHOTOGRAPHY SINCE [REDACTED]  
THE RIM FACILITY IS IN A MID-STAGE OF CONSTRUCTION  
AND IS LOCATED ALONG THE SITE SERVICE ROAD.

25X1D [REDACTED]

25X1A [REDACTED] RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE UR 5104N 02807E

25X1D [REDACTED] COMPLETE TYPE IV (HARD) MRBM LAUNCH SITE. NO  
CHANGES OBSERVED AT EXISTING FACILITIES SINCE

25X1D [REDACTED]

25X1A [REDACTED] SEMENOVKA IRBM LAUNCH SITE 2 UR 4753N 03057E

25X1D [REDACTED] NO APPARENT CHANGE SINCE [REDACTED]  
NO ELECTRONIC/COMMUNICATIONS FACILITIES OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] KISHENTSY MRBM LAUNCH SITE UR 4900N 03013E

25X1D [REDACTED] NO APPARENT CHANGE SINCE [REDACTED]  
NO EVIDENCE OF ACTIVITY [REDACTED]  
25X9 [REDACTED] ALONG THE  
25X9 SITE SERVICE ROAD. NO COMMUNICATIONS OR ELECTRONIC  
FACILITIES OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] KALNIK IRBM LAUNCH SITE UR 4859N 02922E

25X1D [REDACTED] NO APPARENT CHANGE IN THE COMPLETED LAUNCH SITE  
SINCE [REDACTED] ALL SILO COVERS ARE  
CLOSED. TRENCHING FOR A PROBABLE STEAM LINE  
IS VISIBLE BETWEEN THE SITE SUPPORT FACILITY  
25X9 [REDACTED] AND [REDACTED]  
25X9 [REDACTED] THE IGLOO HAS NOT BEEN

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MOUNDED AND THE ASSOCIATED ROAD NETWORK DOES NOT  
APPEAR COMPLETE.

25X1D [REDACTED]

25X1A [REDACTED] KARA-BABAU IRBM LAUNCH SITE 3 UR 4431N 07743E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E

THE ONLY FACILITIES COVERED AT THE TEST CENTER  
ARE LAUNCH COMPLEX A, THE HEN HOUSE ANTENNA,  
THE HEN ROOST ANTENNAS, SITE 13, THE PRIMARY AIRFIELD,  
THE LONG DIRT STRIP, THE NEW AIRSTRIP, THE NEW  
ROAD EXTENDING GENERALLY SW FROM INSTRUMENTATION  
SITE 2, THE MAIN HOUSING AREA, THE SAM TRAINING  
CENTER, AND INSTRUMENTATION SITES 1, 2, 10,  
AND 11. COVERAGE RANGES FROM FAIR-TO-GOOD  
QUALITY WITH GROUND SNOW LIMITING INTERPRETATION.

25X1D COVERAGE OF LAUNCH COMPLEX A (SITE 2B30) IS NOT AS  
DISTINCT AS ON [REDACTED]

25X1D LAUNCH SITES 1 AND 2 AND ELECTRONIC SITE A SHOW NO  
APPRECIABLE CHANGE SINCE [REDACTED]

25X1D HOWEVER, THE PHOTOGRAPHY IS NOT CLEAR ENOUGH FOR  
DETAILED COMPARISON. THE UNIDENTIFIED DARK STREAK  
OBSERVED ON [REDACTED] JUST NNE OF LAUNCH  
POSITION 1 AT SITE 2 IS STILL EVIDENT. AT  
REVETTED LAUNCH POSITION 5, SITE 3, THE SHADOW OF  
AN OBJECT WITH HEIGHT IS DISCERNIBLE AT THE  
WEST END. PHOTOGRAPHY OF UNREVETTED LAUNCH  
POSITION 6, SITE 3, IS TOO POOR TO DETERMINE

25X1D THE STATUS OF OBJECTS PRESENT ON [REDACTED]

25X1D NO ADDITIONAL LAUNCH POSITIONS HAVE BEEN CLEARED  
OF SNOW AT LAUNCH SITE 4 SINCE [REDACTED]

25X1D OF THE 4 UNIDENTIFIED OBJECTS/VEHICLES  
OBSERVED FOR THE FIRST TIME ON [REDACTED] ALONG  
THE ROAD PARALLELING THE ACCESS ROAD TO ELECTRONIC  
SITE B, ONLY THE 105-FT LONG OBJECT/VEHICLE JUST

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NORTH OF THE REVETMENT IS OBSERVED.

LAUNCH SITES 5 AND 6 AND ELECTRONIC SITE C, WHICH  
REMAIN SNOW-COVERED, SHOW NO APPARENT CHANGE SINCE

25X1D

AT SITE 13, THE STATUS OF THE BUILDING TRIAD, THE  
SUPPORT AREAS, AND THE 4 DUAL HEN HOUSE-TYPE

25X1D

STRUCTURES REMAINS ESSENTIALLY AS DESCRIBED ON  
[REDACTED] THE NEW LINEAR SCAR OR CLEARING,

25X1D

FIRST OBSERVED ON [REDACTED]  
4,120 FT SW OF THE TRANSFORMER SUBSTATION, IS MORE  
CLEARLY DELINEATED ON THIS MISSION THAN PREVIOUSLY  
AND IS APPROXIMATELY 4,500 X 260 FT. APPROXIMATELY  
1,090 FT FROM ITS NORTHERN BOUNDARY AND ADJOINING  
THE EASTERN SIDE OF THE LINEAR CLEARING IS A  
CLEARED AREA APPROXIMATELY 195 FT SQUARE. THE  
FACE OF THE HEN HOUSE ANTENNA IN THE SUPPORT BASE  
REMAINS DARK IN TONE.

25X1D

NO SIGNIFICANT CHANGE IS APPARENT SINCE [REDACTED]

25X1D

[REDACTED] IN THE REMAINING FACILITIES COVERED  
ON THIS MISSION.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON

25X1D

[REDACTED] LAUNCH COMPLEX A --

25X1D

SITE 13 -- [REDACTED]

25X1D

HEN HOUSE ANTENNA -- [REDACTED]

25X1D

INSTRUMENTATION SITE 1 -- [REDACTED]

25X1D

INSTRUMENTATION SITE 2 -- [REDACTED]

25X1D

NEW AIRSTRIPE -- [REDACTED]

25X1D

DIRT STRIP -- [REDACTED]

25X1D

[REDACTED]

25X1A [REDACTED] EMBA MISSILE-ASSOCIATED INSTALLATION UR 4835N 05804E

TOWN OF EMBA, SUPPORT AREA A, EMBA AIRFIELD,  
OPERATIONAL SUPPORT AREA, AND INSTRUMENTATION SITE  
CAN BE IDENTIFIED ONLY.

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25X1A [REDACTED] MAKINSK SUSPECT SSM AREA UR 5234N 07026E

ALL EXCEPT SOUTHWESTERN 5 PERCENT OF 50-NM SEARCH AREA COVERED ON CLEAR, SNOW-COVERED PHOTOGRAPHY. NO SSM ACTIVITY OBSERVED. AREA COVERED CAN BE NEGATED. AREA WAS LAST PARTIALLY COVERED IN

25X1D [REDACTED]

25X1A [REDACTED] KOKCHETAV SUSPECT SSM AREA UR 5317N 06930E

ALL EXCEPT SOUTHWESTERN 5 PERCENT OF 50-NM SEARCH AREA COVERED ON CLEAR, SNOW-COVERED PHOTOGRAPHY. NO SSM RELATED ACTIVITY OBSERVED. AREA COVERED CAN BE NEGATED.

25X1D [REDACTED]

25X1A [REDACTED] KUZNETSK SUSPECT SSM AREA UR 5307N 04636E

EASTERN 50 PERCENT OF 50-NM-RADIUS SEARCH COVERED ON CLOUD-FREE, SNOW-COVERED PHOTOGRAPHY. ONLY APPROXIMATELY 35 NM OF WESTERN PORTION OF SEARCH IS COVERED AND THIS IS APPROXIMATELY 50 PERCENT CLOUD COVERED. NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS.

25X1D [REDACTED]

25X1A [REDACTED] SEVEROMORSK SUSPECT NAVAL MSL STORAGE UR 6906N 03328E

NO NEW CONSTRUCTION OBSERVED ON CLEAR, SNOW-COVERED PHOTOGRAPHY.

25X1D VESSELS -- [REDACTED] -- CLOUD COVERED.  
25X1D 2 VESSELS AT OFFSHORE WHARF. [REDACTED]

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25X1D [REDACTED]

25X1A [REDACTED] GUBA SAYDA SUBMARINE BASE UR 6915N 03321E

25X1D [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO ELECTRONICS, COMMUNICATIONS,  
25X9 [REDACTED] STORAGE FACILITIES, MISSILE SUPPORT OR STORAGE FACILITIES, OR CAMOUFLAGE OBSERVED ON GOOD QUALITY PHOTOGRAPHY.

VESSELS -- 1 POSSIBLE SS, 1 AUXILIARY, AND SEVERAL UNIDENTIFIED VESSELS. LACK OF CONTRAST PRECLUDES FURTHER INTERPRETATION.

25X1D [REDACTED]

25X1A [REDACTED] GUBA OLENYA SUBMARINE BASE UR 6913N 03323E

25X1D [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO NEW ELECTRONICS,  
25X9 [REDACTED] COMMUNICATIONS, [REDACTED] OR STORAGE FACILITIES, MISSILE SUPPORT OR STORAGE FACILITIES, OR CAMOUFLAGE OBSERVED WITHIN 5-NM SEARCH AREA ON FAIR-TO-GOOD QUALITY, STEREO PHOTOGRAPHY.

25X1D VESSELS -- [REDACTED] -- 3 PROBABLE SS AT NORTHERN PIER AREA AND 1 POSSIBLE SS AT SOUTHERN PIER AREA.

25X1D [REDACTED] -- PIER AREAS COVERED BY CLOUD SHADOW.  
NO VESSELS OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] POLYARNYY NAVAL BASE UR 6912N 03328E

25X1D [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] ADDITIONAL HILLSIDE CUT, CLOSE TO PIER AREA, OBSERVED IN HILLSIDE AT POLYARNYY NAVAL MISSILE SUPPORT FACILITY, GUBA KISLAYA -- MAKING A TOTAL OF 6 SUCH CUTS INTO HILLSIDE.

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25X1D VESSELS -- [REDACTED] -- 13 POSSIBLE SS AND SEVERAL POSSIBLE SURFACE VESSELS AT BERTHING AREAS.  
25X1D [REDACTED] -- 3 PROBABLE SURFACE VESSELS AT PIER AND ALONGSIDE QUAY. LACK OF CONTRAST PRECLUDES ANY DETECTION OF SUBMARINES.

25X9 [REDACTED] HANDLING  
FACILITIES OBSERVED WITHIN 5-NM-RADIUS ON GOOD QUALITY PHOTOGRAPHY.

25X1D [REDACTED]

25X1A [REDACTED] GUBA LITSA SUBMARINE BASE UR 6926N 03224E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
25X1D [REDACTED]

25X1D VESSELS -- [REDACTED] -- 1 POSSIBLE E-CLASS SSGN AND 1 LARGE UNIDENTIFIED SS DEAD IN WATER AT INNERMOST ICE-FREE PORTION OF BAY, 1 AUXILIARY IN BAY, SEVERAL VESSELS AT NORTHERN PIER AREA, AND 1 POSSIBLE AS, 2 POSSIBLE APL, AND NUMEROUS PROBABLE VESSELS AT SOUTHERN PIER AREA. LOW SUN ANGLE PRECLUDES FURTHER IDENTIFICATION.

25X1D [REDACTED] -- IDENTIFICATION ONLY EXCEPT FOR UNIDENTIFIED VESSEL WHICH IS IN SAME POSITION AS ONE OF THE 2 LARGE SS ON [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] GUBA LITSA NAVAL MISSILE STORAGE UR 6925N 03226E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
25X1D [REDACTED] SERVICE ROADS HAVE BEEN PLOWED. AREA COVERED ON CLEAR, SNOW-COVERED, STEREO PHOTOGRAPHY. (VESSELS ARE REPORTED UNDER

25X1A GUBA LITSA SUBMARINE BASE, COMOR TARGET [REDACTED]

25X1D [REDACTED]

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25X1A [REDACTED] GUBA MOTKA NAVAL BASE UR 6940N 03210E

ENTIRE AREA COVERED ON GOOD QUALITY, STEREO PHOTOGRAPHY. NO EVIDENCE OF SUBMARINE FACILITIES AT MOTKA BAY.

VESSELS -- NO VESSELS OBSERVED IN MOTKA BAY.

25X1D [REDACTED]

25X1A [REDACTED] TERIBERKA NAVAL BASE UR 6910N 03508E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
25X1D NO EVIDENCE OF SUBMARINE ACTIVITY  
25X1D OBSERVED ON GOOD QUALITY, SNOW-COVERED PHOTOGRAPHY.

25X1D VESSELS -- [REDACTED] IDENTIFICATION ONLY.

25X1D [REDACTED] 1 SMALL SURFACE VESSEL IN BAY. LOW CONTRAST PRECLUDES DETAILED INTERPRETATION.

25X1D [REDACTED]

25X1A [REDACTED] ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT UR 6902N 03304E

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D [REDACTED]

25X1D VESSELS -- [REDACTED] 1 CL AND NUMEROUS UNIDENTIFIED VESSELS ALONG QUAY AREA AND

25X1D 1 CL ANCHORED SOUTH OF ROSTA. HAZE PRECLUDES DETAILED INTERPRETATION. [REDACTED] -- SEVERAL VESSELS NESTED ALONGSIDE QUAY, 1 VESSEL IN SMALLER OF THE 2 GRAVING DOCKS, AND 1 CL ANCHORED SOUTH OF ROSTA. LACK OF CONTRAST PRECLUDES DETAILED INTERPRETATION.

25X1D [REDACTED]

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25X1A [REDACTED] GUBA URA NAVAL BASE UR 6920N 03249E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO NEW SUBMARINE  
25X9 BASE [REDACTED] OBSERVED WITHIN 10 NM OF  
ABOVE COORDINATES.

25X1D VESSELS -- [REDACTED] -- 1 POSSIBLE SS AND  
NUMEROUS OTHER VESSELS AT PIER AREA. HAZE AND ICE  
CONDITIONS PRECLUDE IDENTIFICATION OF VESSELS.

25X1D [REDACTED] -- IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] DOLGAYA NAVAL BASE UR 6915N 03350E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] APPROACHES TO WET DOCK  
ARE COMPLETELY ICE COVERED. NO MISSILE HANDLING  
FACILITIES OBSERVED ON FAIR QUALITY, STEREO  
PHOTOGRAPHY.

VESSELS -- 2 PROBABLE DE AND 2 SMALLER VESSELS AT  
OUTER BAY AND 3 SURFACE VESSELS AT INNER BAY.  
LACK OF CONTRAST PRECLUDES FURTHER INTERPRETATION.

25X1D [REDACTED]

25X1A [REDACTED] GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6912N 03326E

25X1D VESSELS -- [REDACTED] -- 2 POSSIBLE SS, 2 PROBABLE  
FLOATING DRYDOCKS (1 POSSIBLY OCCUPIED), AND  
25X1D SEVERAL UNIDENTIFIED VESSELS. [REDACTED] -- NO VESSELS  
IDENTIFIABLE IN CLOUD-FREE AREAS.

25X1D THREE WALLS OF LARGE NEW BUILDING HAVE BEEN  
EXTENDED SINCE [REDACTED] AT THE EXCAVATED  
AREA AT EASTERN EDGE OF BAY. NO OTHER CHANGE IN  
FACILITIES. NO EVIDENCE OF NEW MISSILE HANDLING

25X9 [REDACTED] WITHIN 5-NM RADIUS.

25X1D [REDACTED]

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25X1A [REDACTED] OLENEGORSK SUSP AMM ASSOCIATED ACTIVITY UR 6806N 03355E

ENTIRE FACILITY IS COVERED ON CLEAR, SNOW-COVERED, GOOD QUALITY PHOTOGRAPHY AND APPEARS TO BE EXTERNALLY COMPLETE.

25X1D ADDITIONAL CONSTRUCTION SINCE [REDACTED]

25X1D [REDACTED] NOT DISCERNIBLE ON [REDACTED]

25X1D CONSISTS OF 2 APPROXIMATELY 1,200-FT LONG GROUND SCARS. THESE SCARS HAVE A 75-FT SEPARATION AND ARE PARALLEL TO AND 170 FT NORTH OF THE LINEAR STRUCTURE SITUATED NE OF THE PROBABLE CONTROL BUILDING. A THIRD SMALL SCAR IS LOCATED BETWEEN A SMALL BUILDING NW OF THE OTHER LINEAR STRUCTURE AND A LAKE TO THE NW.

25X1D SUPPORT AREA ADDITIONS SINCE [REDACTED]

25X1D [REDACTED] NOT DISCERNIBLE ON [REDACTED]

25X1D CONSIST OF 5 SMALL BUILDINGS -- BRINGING THE TOTAL BUILDING COUNT IN THIS AREA TO 53. IN ADDITION, A LOW MOUND, POSSIBLY A BURIED TANK, IS AT THE NE CORNER OF THE SOUTHERNMOST SECTION OF THE SUPPORT AREA.

NO ADDITIONAL RADAR OR ELECTRONIC FACILITIES OBSERVED.

(ATTACHMENT 1)

25X1D [REDACTED]

## **Air Facilities**

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AIR FACILITIES

25X1A [REDACTED] CHEPELEVKA AIRFIELD UR 4947N 03026E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
25X1D [REDACTED] RUNWAY AND TAXIWAYS ARE CLEARED  
OF SNOW.

AIRCRAFT -- 2 BEAR/BISON AND ONE 4-ENGINE,  
HIGH-WING HEAVY TRANSPORT-TYPE WITH POSSIBLE  
TWIN OUTBOARD VERTICAL STABILIZERS (WING SPAN  
IS 215 FT PLUS OR MINUS 10, OVERALL LENGTH IS  
180 FT PLUS OR MINUS 5, AND FUSELAGE IS 20 FT  
25X1D [REDACTED] IN LOADING AREA, 8 BEAR ON  
SSW PARKING APRON, 6 BEAR/BISON ON PARALLEL  
TAXIWAY, 5 BEAR AND 17 BEAR/BISON ON CENTRAL  
PARKING APRONS AND HARDSTANDS, 4 BEAR AND 3 BEAR/  
BISON ON NNE APRON, 3 MEDIUM STRAIGHT-WING AND 1  
MEDIUM SWEPT-WING ALONG NORTH LINK TAXIWAY, AND  
APPROXIMATELY 25 SMALL SWEPT-WING AT SOUTH END OF  
LOADING AREA.

(ATTACHMENT 2)

25X1D [REDACTED]

25X1A [REDACTED] ZHITOMIR/SKOMOROKHI AIRFIELD UR 5010N 02844E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
25X1D [REDACTED] NO NEW CONSTRUCTION OBSERVED. RUNWAY  
AND TAXIWAYS ARE CLEARED OF SNOW.

25X1D AIRCRAFT -- [REDACTED] IDENTIFICATION ONLY.  
25X1D [REDACTED] -- 18 MEDIUM SWEPT-WING ON HARDSTANDS AND  
1 MEDIUM SWEPT-WING ON RUNWAY.

25X1D [REDACTED]

25X1A [REDACTED] MAL-YAVR AIRFIELD UR 6852N 03343E

25X1D NO APPARENT CHANGE IN FACILITIES OR NEW  
CONSTRUCTION SINCE [REDACTED] RUNWAY

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IS CLEARED OF SNOW.

25X1D AIRCRAFT -- [REDACTED] -- 16 PROBABLE  
25X1D AIRCRAFT PARKED ON HARDSTANDS. [REDACTED] -- 22  
PROBABLE MEDIUM SWEPT-WING AIRCRAFT PARKED ON  
HARDSTANDS.

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] SAKI AIRFIELD UR 4506N 03336E

25X9 NO NEW CONSTRUCTION ACTIVITY, COMMUNICATIONS  
FACILITIES [REDACTED] OR MISSILE STORAGE.  
FACILITIES OBSERVED ON FAIR QUALITY, HAZY PHOTOGRAPHY.

25X1D AIRCRAFT -- [REDACTED] -- 8 MEDIUM SWEPT-WING.  
25X1D [REDACTED] 6 PROBABLE BLINDER, 1 POSSIBLE BLINDER  
ON MAIN PARKING APRON, 7 LIGHT STRAIGHT-WING AND  
1 LIGHT STRAIGHT-WING IN MAINTENANCE AREA WEST  
OF LOOP TAXIWAY.

25X1D [REDACTED]

**Nuclear  
Energy**

25X2

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**Naval  
Activity/  
Ports**

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NAVAL ACTIVITY/PORTS

25X1A [REDACTED] PECHENGA NAVAL BASE LINAKHAMARI UR 6939N 03122E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO ICEBREAKER ACTIVITY OBSERVED. NO EVIDENCE OF ADDITIONAL SUBMARINE BASES OR SUBMARINE PENS IN PECHENGA BAY. NO NUCLEAR SS OR MISSILE CRUISER/DESTROYERS OBSERVED IN PECHENGA BAY.

25X1D VESSELS -- [REDACTED] -- 2 SS, 1 PROBABLE SS, 4 POSSIBLE SS, AND 4 SURFACE VESSELS AT BERTHING FACILITIES, 1 PROBABLE SS JUST OFF PIER AREA, 1 PROBABLE SS IN PECHENGA APPROACHES AND 14 POSSIBLE MSF IN ICEBOUND INNER BAY. ONE POSSIBLE SS IS LOCATED IN BOLSHAYA VOLOKOVAYA AT 69-51N 031-52E HEADING NW. [REDACTED] -- IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] BALAKLAVA SUBMARINE BASE UR 4430N 03336E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO [REDACTED] MISSILE ASSOCIATED FACILITIES OBSERVED ON CLOUD-FREE, FAIR QUALITY, STEREO PHOTOGRAPHY.

VESSELS -- 6 POSSIBLE SS AND 1 AUXILIARY.

25X1D [REDACTED]

25X1A [REDACTED] LIEPAJA NAVAL BASE AND SHIPYARD UR 5633N 02102E

NO FACILITIES OR ACTIVITY OBSERVED DUE TO POOR QUALITY PARTIAL COVERAGE.

VESSELS -- 9 POSSIBLE SS, 1 CL, AND 4 UNIDENTIFIED SURFACE VESSELS IN NAVAL BASE AREA.

25X1D [REDACTED]

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25X1A [REDACTED] KERCH NVL BASE & SHPYD KAMYSH BURUN 532 UR 4516N 03625E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
25X1D [REDACTED] YARD ACTIVITY, IF ANY, CANNOT BE DETERMINED.

VESSELS -- 10 MINOR CRAFT IN YARD AREA.

25X1D [REDACTED]

25X1A [REDACTED] SEVASTOPOL NVL BASE&SHPYD SEVMORZAVOD 497 UR 4436N 03332E

25X1D VESSELS -- [REDACTED] IDENTIFICATION ONLY.  
25X1D [REDACTED] -- 6 CRUISERS (1 IN DRYDOCK), 19 DESTROYERS,  
5 DESTROYER ESCORTS, 3 W/R-CLASS SS, 1 PROBABLE  
J-CLASS SSG, 1 POSSIBLE SS IN A FLOATING DRYDOCK,  
10 AUXILIARIES, 4 MERCHANT VESSELS, AND NUMEROUS  
MINOR COMBATANTS OBSERVED ON FAIR QUALITY PHOTOGRAPHY.

25X1D [REDACTED]

**Biological/  
Chemical  
Warfare**

25X2

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**Electronics/  
Communications**

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## TOP SECRET CHESS RUFF

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### ELECTRONICS/COMMUNICATIONS

25X1A [REDACTED] ARKHANGELSK AREA HF COMMUNICATIONS FAC UR 6418N 04038E

25X1D NO APPARENT CHANGE SINCE [REDACTED]  
25X1D [REDACTED] AT THE RHOMBIC COMMUNICATIONS FACILITY  
OR THE FISHBONE COMMUNICATIONS FACILITY.

ONLY 20 PERCENT OF THE 50-NM SEARCH AREA AROUND  
SAMODED COVERED ON PHOTOGRAPHY. NO ADDITIONAL  
COMMUNICATIONS FACILITIES OBSERVED.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS  
ON [REDACTED]

25X1D RHOMBIC FACILITY --  
FISHBONE FACILITY --

25X1D [REDACTED]

BONUS YEMELYANOVSKAYA HF COMMUNICATIONS FAC UR 6421N 04122E

A NEWLY IDENTIFIED HF COMMUNICATIONS FACILITY  
IS LOCATED AT 64-21N 041-22E, 1 NM ESE OF  
YEMELYANOVSKAYA, 3.5 NM SSE OF THE YEMELYANOVSKAYA  
HF COMMUNICATIONS FACILITY AT 64-22N 041-13E,  
AND APPROXIMATELY 25 NM SSE OF ARCHANGELSK.

THE ENTIRE FACILITY IS FENCED AND CONTAINS A  
CONTROL BUILDING, 3 PAIRS OF DAY/NIGHT RHOMBICS,  
3 SETS OF 3 RHOMBICS OF DESCENDING SIZE, AND A  
LARGE CLEARED CIRCULAR AREA WITH A BUILDING.  
A POSSIBLE CABLE SCAR RUNS FROM THE CONTROL  
BUILDING TO THE BUILDING IN THE CIRCULAR AREA.

25X1D [REDACTED]

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## INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST BY TARGET NUMBER OF ALL COMOR TARGETS OBSERVED DURING THE SCAN OF MISSION 1017-2. THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF OAK 1017-2 IN WHICH THE TARGET WAS REPORTED.

COMOR	INSTALLATION NAME	CTY COORDINATES OAK
	YURYA ICBM COMPLEX	UR 5904N 04918E II
	YOSHKAR-OLA ICBM COMPLEX	UR 5634N 04803E II
	OMSK ICBM COMPLEX	UR 5504N 07331E II
	TYUMEN ICBM COMPLEX	UR 5652N 06553E II
	GLADKAYA ICBM COMPLEX	UR 5605N 09213E I
	UZHUR ICBM COMPLEX	UR 5517N 08949E II
	SARANSK SUSPECT SSM AREA	UR 5411N 04511E I
	LOLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E I
	ZHANGIZ-TOBE ICBM COMPLEX	UR 4912N 08110E II
	KARA-BABAU IRBM LAUNCH SITE 2	UR 4431N 07758E II
	UGOLNYY MRBM LAUNCH SITE	UR 6447N 17756E I
	KRASKINO MRBM LAUNCH SITE	UR 4244N 13040E I
	SKRUNDA IRBM LAUNCH SITE	UR 5635N 02149E I
	GRANOV IRBM LAUNCH SITE 2	UR 4849N 02929E II
	RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	UR 5104N 02807E II
	IECAVA MRBM LAUNCH SITE 3	UR 5633N 02420E I
	REDKINO MRBM LAUNCH SITE	UR 5724N 02826E I
	SEMEONOVKA IRBM LAUNCH SITE 2	UR 4753N 03057E II
	VAINODE IRBM LAUNCH SITE	UR 5628N 02150E I
	KISHENTSY MRBM LAUNCH SITE	UR 4900N 03013E II
	ZHURAVKA IRBM LAUNCH SITE	UR 5436N 07640E I
	KALNIK IRBM LAUNCH SITE	UR 4859N 02922E II
	KARA-BABAU IRBM LAUNCH SITE 3	UR 4431N 07743E II
	TYURATAM MTR-KAMCHATKA IMPACT INST SITE	AUR 5756N 16201E I
	SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E II
	SHUANG-CHENG-TZU MISSILE TEST CENTER	CH 4107N 10020E I
	EMBA MISSILE-ASSOCIATED INSTALLATION	UR 4835N 05804E II
	KURUMOCH ROCKET ENGINE TEST FACILITY	UR 5331N 04949E I
	KRASNOYARSK ROCKET ENGINE TEST FACILITY	UR 5605N 09327E I
	OMSK RKT ENG TEST FAC GORNAYA BITIYA	UR 5525N 07317E I
	MALANG AREA SUSPECT SAM SITES	ID 0754S 11248E I
	MAKINSK SUSPECT SSM AREA	UR 5234N 07026E II
	KOKCHETAV SUSPECT SSM AREA	UR 5317N 06930E II
	KUZNETSK SUSPECT SSM AREA	UR 5307N 04636E II
	RUBTSOVSK SUSPECT SSM AREA	UR 5130N 08115E I

25X1A

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SEVERODVINSK NAVAL BASE AND SHIPYARD 402	UR 6434N	03949E	I
SEVEROMORSK SUSPECT NAVAL MSL STORAGE	UR 6906N	03328E	II
GUBA SAYDA SUBMARINE BASE	UR 6915N	03321E	II
GUBA OLENYA SUBMARINE BASE	UR 6913N	03323E	II
POLYARNYY NAVAL BASE	UR 6912N	03328E	II
GUBA LITSA SUBMARINE BASE	UR 6926N	03224E	II
GUBA LITSA NAVAL MISSILE STORAGE	UR 6925N	03226E	II
GUBA MOTKA NAVAL BASE	UR 6940N	03210E	II
TERIBERKA NAVAL BASE	UR 6910N	03508E	II
ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT	UR 6902N	03304E	II
VLADIVOSTOK NAVAL BASE AND SHIPYARD 202	UR 4306N	13156E	I
GUBA URA NAVAL BASE	UR 6920N	03249E	II
DOLGAYA NAVAL BASE	UR 6915N	03350E	II
GUBA PALA NAVAL BASE AND SHIP REPAIR YARDUR	UR 6912N	03326E	II
PETROVKA SHIPYARD	UR 4307N	13220E	I
CHOKURDAKH SUSPECT ABM AREA	UR 7037N	14753E	I
KOSISTY SUSPECT ABM RADAR	UR 7337N	10945E	I
OLENEGORSK SUSP AMM ASSOCIATED ACTIVITY	UR 6806N	03355E	II
TALLINN AMM/SAM LAUNCH COMPLEX	UR 5924N	02419E	I
GRISSEE AREA SAM SEARCH	ID 0709S	11237E	I
CHEPELEVKA AIRFIELD	UR 4947N	03026E	II
DOLON AIRFIELD	UR 5032N	07912E	I
SIAULIAI AIRFIELD	UR 5553N	02323E	I
BORZYA AIRFIELD NORTHWEST	UR 5024N	11623E	I
OLENEGORSK AIRFIELD	UR 6809N	03327E	I
CHERVONO-GLINSKOYE AIRFIELD	UR 4557N	02923E	I
BELAYA TSERKOV AIRFIELD	UR 4947N	03001E	I
ZHITOMIR/SKOMOROKHI AIRFIELD	UR 5010N	02844E	II
ANADYR/LENINKA AIRFIELD	UR 6442N	17742E	I
MAL-YAVR AIRFIELD	UR 6852N	03343E	II
SAKI AIRFIELD	UR 4506N	03336E	II
OSTROV/GOROKHOVKA AIRFIELD	UR 5718N	02826E	I
KERCH/BAGEROVO AIRFIELD	UR 4524N	03616E	I

25X2

PECHENGA NAVAL BASE LINAKHAMARI	UR 6939N	03122E	II
BALAKLAVA SUBMARINE BASE	UR 4430N	03336E	II
LIEPAJA NAVAL BASE AND SHIPYARD	UR 5633N	02102E	II
NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA 445	UR 4659N	03201E	I
NIKOLAYEV SHIPYARD NOSENKO 444	UR 4657N	03159E	I
KERCH NVL BASE & SHPYD KAMYSH BURUN 532	UR 4516N	03625E	II
SEVASTOPOL NVL BASE&SHPYD SEVMORZAVOD 497UR	4436N	03332E	II

25X1A

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BALAKOVO PROBABLE LOCK  
KOMSOMOLSKIY LOCKS

UR 5202N 04747E I  
UR 5328N 04930E I

25X2  
25X2

ARKHANGELSK AREA HF COMMUNICATIONS FAC UR 6418N 04038E II  
SIMFEROPOL TRACKING & COMMUNICATIONS CTR UR 4503N 03353E I  
SOKSARI BARRACKS AREA KN 4040N 12717E I  
MALANG COMPLEX ID 0759S 11238E I  
SURABAJA COMPLEX ID 0715S 11245E I

25X1A

**Attachments**

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TALENT-KEYHOLE  
Control System Only

## TOP SECRET CHESS RUFF

MISSION 1017-2, 3-6 MARCH 1965

TCS-80374 '65  
ATTACHMENT 1



NPIC J-9785 (3/65)

Handle Via  
TALENT-KEYHOLE  
Control System Only

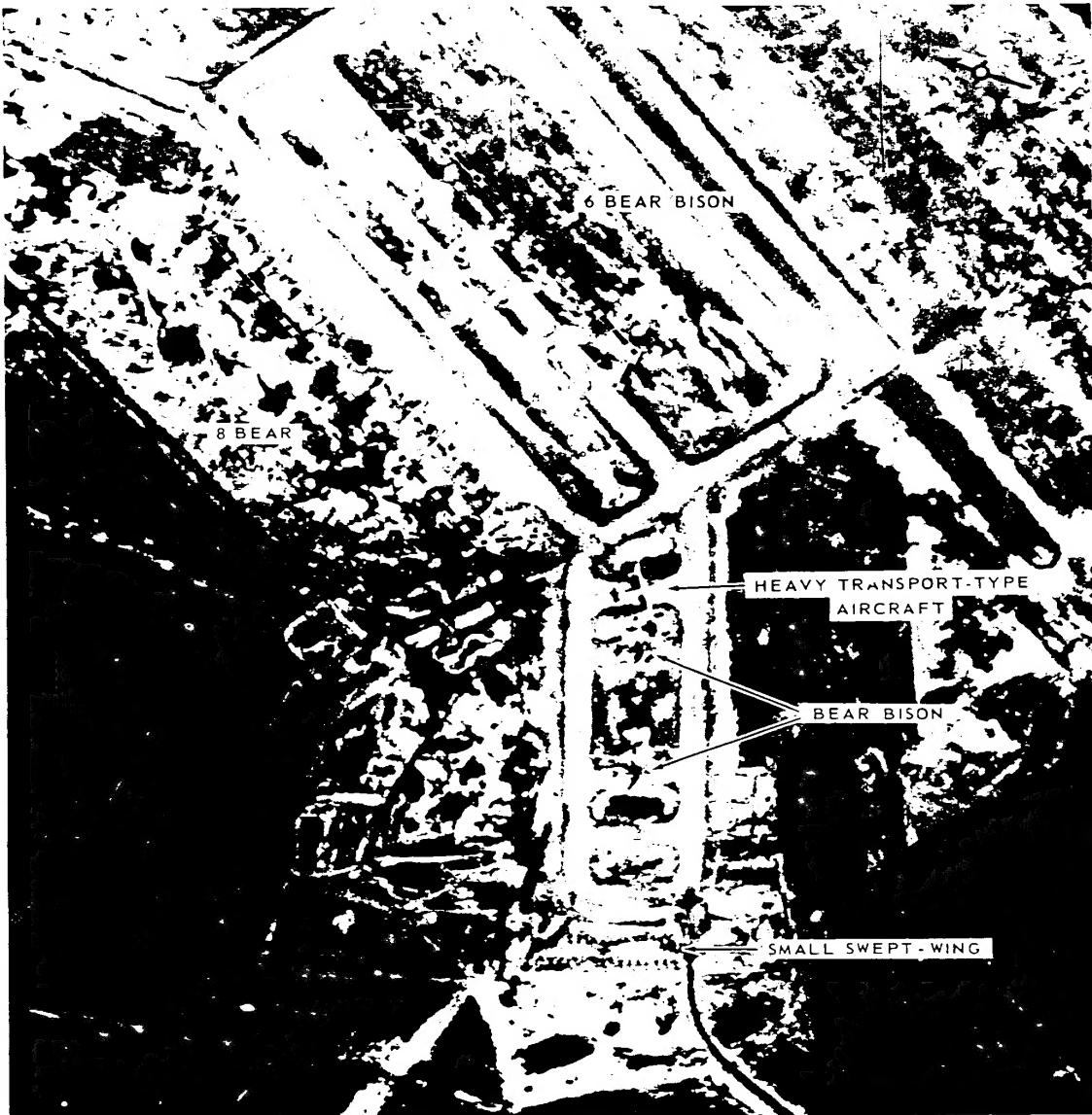
## TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

Handle Via  
TALENT-KEYHOLE  
Control System Only

MISSION 1017-2, 3-6 MARCH 1965

TCS-80374 '65  
ATTACHMENT 2



CHEPELEVKA AIRFIELD, USSR

NPIC J-9786 (3-65)

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

25X2

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